

Converting Colors

XYZ(53.9731, 51.1128, 49.6689)

Have a look what the booklet for
XYZ(53.9731, 51.1128, 49.6689)
contains.

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Color

**XYZ(53.9731, 51.1128,
49.6689)**

Conversions

Conversions Part 1

Format	Color
Hex	DCB4B3
RGB	220, 180, 179
RGB Percent	86%, 71%, 70%
CMY	0.1373, 0.2941, 0.2980
CMYK	0.00, 0.18, 0.19, 0.14
HSL	1°, 37%, 78%
HSV	1°, 19%, 86%
XYZ	53.9731, 51.1128, 49.6689
YIQ	191.8460, 24.1610, 8.1690

Conversions

Conversions Part 2

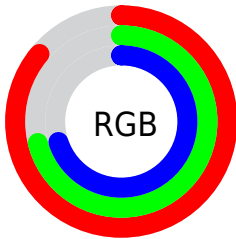
Format	Color
R _Y B	220, 180, 179
Decimal	14464179
CIE Lab	76.75, 14.27, 5.95
CIE LCh	77, 15.465, 22.629
Yxy	51.1128, 0.3488, 0.3303
Android (android.graphics.Color)	4292654259 (0xFFDCB4B3)
YUV	191.8460, -6.3331, 24.6911
Hunter-Lab	71.4932, 9.6437, 8.8544

Details

The XYZ color **53.9731, 51.1128, 49.6689** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **56.8396, 65.4124, 77.3406**, and the grayscale version is **50.0401, 52.6461, 57.3316**.

A 20% lighter version of the original color is **86.2308, 87.2491, 90.8932**, and **26.6651, 24.5776, 23.0772** is the 20% darker color. If you saturate the color by 10%, you get **47.9211, 42.2898, 37.5359**, and if you desaturate by 10%, it is **61.0537, 61.4240, 63.8973**.

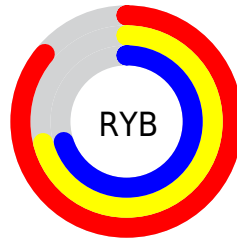
Distribution



Red (86%)

Green (71%)

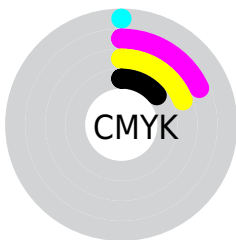
Blue (70%)



Red (86%)

Yellow (71%)

Blue (70%)

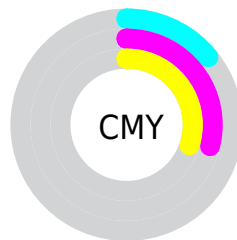


Cyan (0%)

Magenta (18%)

Yellow (19%)

Black (14%)



Cyan (14%)


Magenta (29%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.9731, 51.1128, 49.6689 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 53.9731, 51.1128, 49.6689 by changing the saturation by 10% instead.


 53.9731, 51.1128,
49.6689

 53.9731, 51.1128,
49.6689


392.2075,
391.0019, 402.0676

 38.8107, 36.2984,
34.7810


 95.1919, 91.8215,
91.0754

 26.7926, 24.6647,
23.2121


121.9790,
118.4846, 118.4310

 17.5533, 15.8274,
14.5434

153.3718,
149.8660, 150.7798

 10.7275, 9.4021,
8.3565

189.7355,
186.3501, 188.5400

 5.9498, 5.0044,
4.2329

231.4356,
228.3214, 232.1304

 2.8550, 2.2498,
1.7540

278.8374,

 1.0775, 0.7470,

276.1642, 281.9695

0.3973

332.3062,
330.2629, 338.4757

■ 0.0062, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.9731, 51.1128,
49.6689

■ 53.9731, 51.1128,
49.6689

■ 47.9211, 42.2898,
37.5359

■ 61.0537, 61.4240,
63.8973

■ 42.8460, 34.8799,
27.3964

■ 69.2033, 73.2804,
80.3102

■ 38.6979, 28.8117,
19.1447

■ 78.4649, 86.7442,
98.9951

■ 35.4207, 24.0050,
12.6643

■ 83.3254, 93.9557,
108.3513

■ 32.9524, 20.3710,
7.8256

■ 31.2227, 17.8094,
4.4814

■ 30.1495, 16.2032,
2.4582

■ 29.6220, 15.4028,
1.4980

■ 29.5738, 15.3327,
1.4008

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



54.3898, 51.1128, 57.7505



53.9731, 51.1128, 49.6689



52.0842, 51.1128, 43.7821

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



53.9731, 51.1128, 49.6689



44.2369, 51.1128, 46.4166



47.8614, 51.1128, 73.2512

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



53.9731, 51.1128, 49.6689



56.8396, 65.4124, 77.3406

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



45.2388, 51.1128, 69.4967



53.9731, 51.1128, 49.6689



43.2016, 51.1128, 53.6072

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



53.9731, 51.1128, 49.6689



46.4441, 51.1128, 42.0404



43.5609, 51.1128, 62.0997



50.7829, 51.1128, 71.9267

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



53.9731, 51.1128, 49.6689



50.2840, 51.1128, 41.6216



43.5609, 51.1128, 62.0997



46.9173, 51.1128, 72.5294

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



53.9745, 51.1151, 49.6700



88.1057, 89.8976, 94.9129



58.4637, 52.5876, 74.3060



18.7036, 19.0168, 20.0041



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



53.9745, 51.1151, 49.6700



72.2549, 66.8144, 63.0602



58.3491, 59.8644, 51.1282



13.0815, 13.1023, 13.5651



17.3683, 9.0221, 0.8260



1.1344, 0.6029, 0.0566

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



56.8396, 65.4124, 77.3406



76.9000, 89.9950, 107.9255



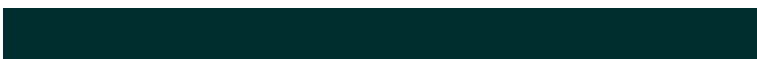
51.8905, 55.5142, 75.6909



13.4161, 14.7720, 16.7963



21.7982, 31.4658, 44.6630



1.4210, 2.0562, 2.8964

Previews

White Background



This preview shows how the XYZ color 53.9731, 51.1128, 49.6689 looks on a white background.

Color Contrast Check

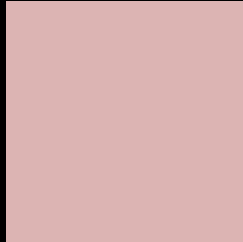
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 53.9731, 51.1128, 49.6689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

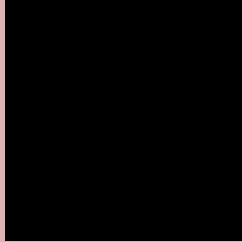
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.9731, 51.1128, 49.6689

Background



This preview shows how black text looks on a background with the XYZ color 53.9731, 51.1128, 49.6689.



This preview shows how white text looks on a background with the XYZ color 53.9731, 51.1128,

49.6689.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

53.9731, 51.1128, 49.6689

Protanopia

49.0975, 51.3252, 52.6664

Deuteranopia

52.1207, 51.0784, 49.2315



Tritanopia

55.5590, 51.1762, 56.8189

Trichromacy



Original Color

53.9731, 51.1128, 49.6689

Protanomaly

50.6310, 51.1917, 51.4684

Deuteranomaly

52.7882, 51.1173, 49.2039

Tritanomaly

54.9085, 51.2002, 54.0023

Monochromacy



Original Color

53.9731, 51.1128, 49.6689

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

51.3100, 52.1109, 54.3678

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9731, 51.1128, 49.6689 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(220, 180, 179)` looks like.

```
.text, #text, p{  
    color:rgb(220, 180, 179)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(220, 180, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 180, 179) }
```

Border

The CSS property to change the border of an element to XYZ 53.9731, 51.1128, 49.6689 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(220, 180, 179) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(220, 180, 179) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(220, 180, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 180, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 180, 179);  
box-shadow:4px 4px 4px 4px rgb(220, 180,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9731, 51.1128, 49.6689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 180, 179) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(220,  
180, 179) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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